Assignment-3

Interactive Dashboard:

● Donut Chart:

Columns: Payment method
Rows: AGG(avg(O))
AGG(avg(O))
All three payment methods have nearly equal customer ratings, with a slight edge for cash and ewallet

.

●Bubble Chart:

- **Columns:**Customer type-*Member*
- SUM(Tax 5%) sized by product
- Color Based on SUM(Total)

● Waterfall Chart:

- **Columns:** Date (Timeline from Jan to Mar 2019)
- **Rows:** SUM(Quantity)
- **Filter:** Date
- Quantity sold varies over time, visualized by the width of bars; colors represent different quantity levels.

● Bar Chart:

- **Columns:** City
- **Rows:** AVG(Rating)
- Color Split by Branch (A, B, C)

● Word Cloud:

  ● **Color :** MINUTE(Time)
  ● **Text:** Payment
  ● **Size:** SUM(Total)
  ● Shows frequency and amount of payments made using different method by minute.

● Heat Map:

  ● **Columns:** Store Category
  ● **Row:** Product Line
  ● **Color:** SUM(Quantity)
  ● **Size:** SUM(Gross Income)
  ● Compares gross income and quantity across product lines and store locations using size and color intensity.

Supermarket Dashboard

Customer Ratings by Payment Method

Ewallet 34.377%
Cash 34.387%
7K
Credit card 31.236%

Tax Amount per Product Line

travel
lifestyle Electronic Fashion
and beverages

Sum of Date per Quantity

Average Rating of each City

7.0729 7.0271 6.8181
Naypyitaw Yangon Mandalay

Total Payment per Minute of Time

Store Category wise Quantity and Product line for Gross Income

Product line	A-Yangon	B-Mandalay	C-Naypyitaw
Electronic acces..	■	■	■
Fashion accesso..	□	■	■
Food and bevera..	■	□	■
Health and beau..	□	■	□
Home and lifesty..	■	■	□
Sports and travel	■	■	□